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CUYAHOGA COUNTY

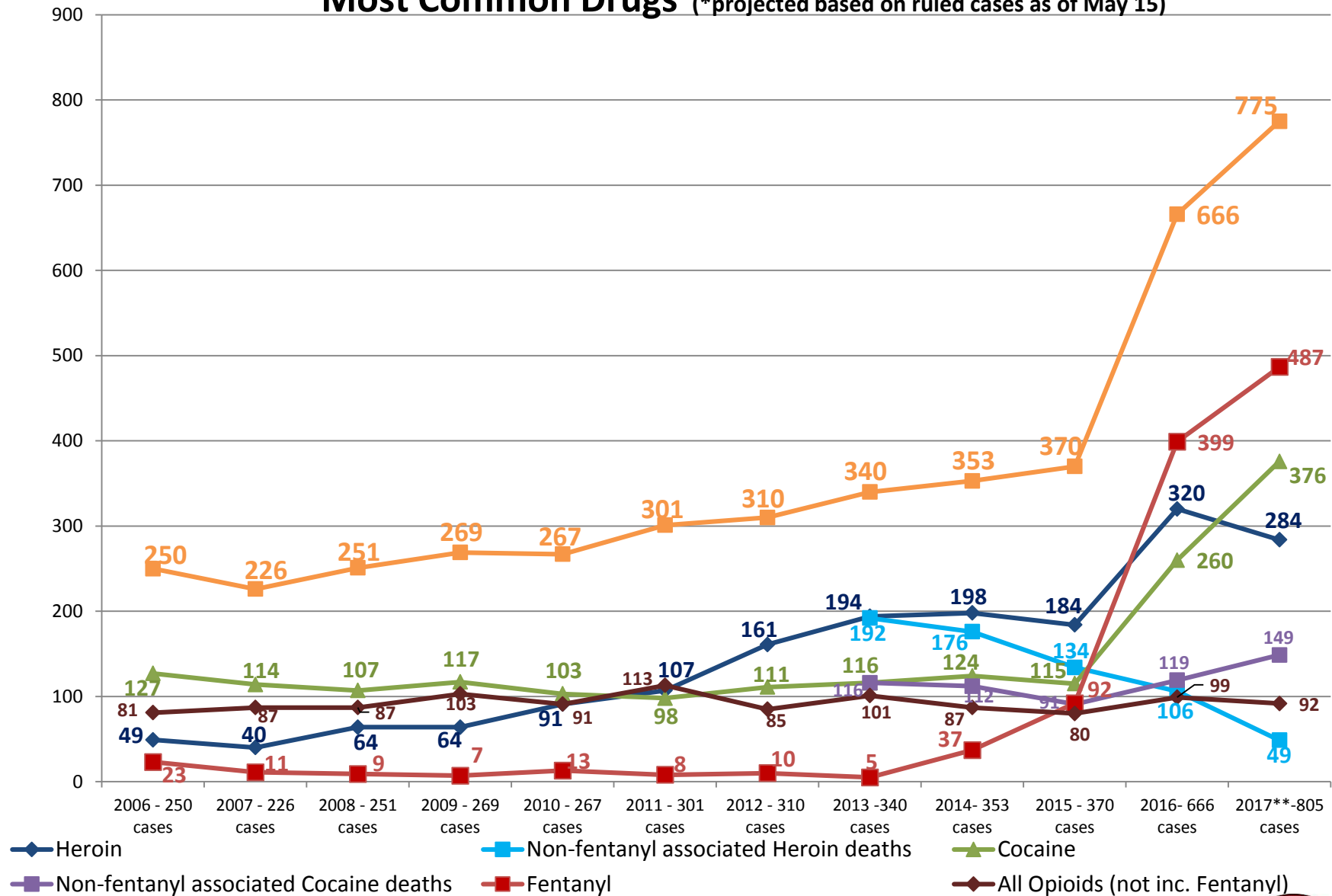
MEDICAL EXAMINER'S OFFICE

**Heroin/Fentanyl/Cocaine
Related Deaths in
Cuyahoga County**

MAY 15, 2017

Cuyahoga County Overdose Deaths 2006-2017*

Most Common Drugs (*projected based on ruled cases as of May 15)



Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



CURRENT PUBLIC HEALTH CRISIS – at least 19 fatalities since May 1

Fatal Cases due to heroin/fentanyl in April—at least 41 (9 cases pending additional testing)

25 - City of Cleveland Residents

16 - Suburban Residents- Bedford, Brooklyn, Euclid, Garfield Hts., Lakewood (2), Newburgh Hts., Parma, Richmond Hts., Shaker Hts., Strongsville (2) and (3) Out of County – Kent, Mentor and Willard (1 UNKNOWN).

VICTIMS

Victims' ages range from 27 – 65

31 Male victims; 10 Female victims

7 African American victims; 34 Caucasian victims (3 Hispanic victims)

TRENDS

At least **187** victims have died from heroin/fentanyl or in combination in 2017. This compares to 140 in the first trimester of 2016 and at least **506** in 2016 which was more than double the 228 from 2015. Cocaine deaths are projected to have more than doubled from 115 to 260 in 2016. The 2017 total is at least **236** fatalities when including cocaine as well.

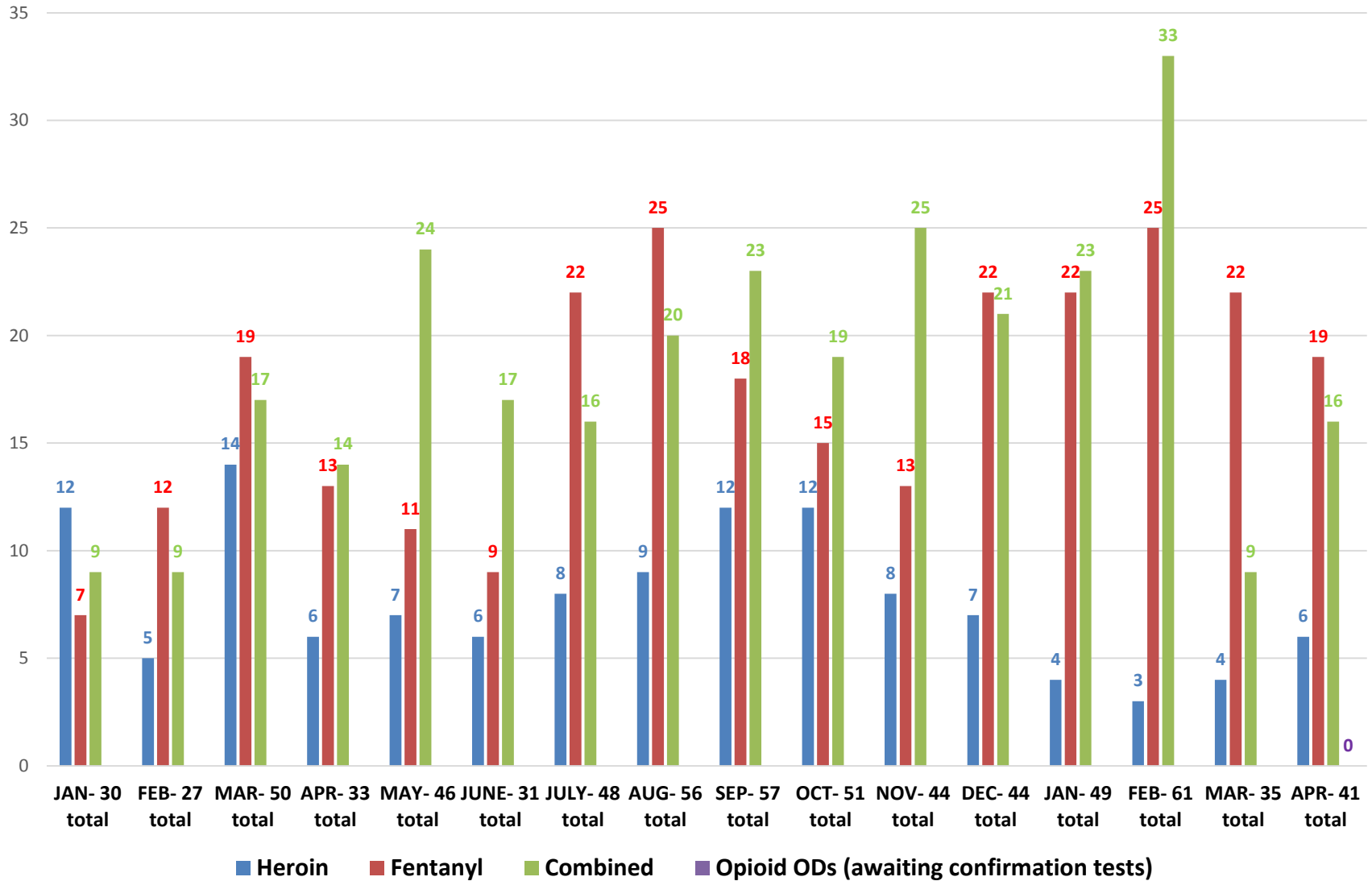
Carfentanil: 54 CONFIRMED FATAL CASES TO DATE in 2016

Rate of African American deaths involving fentanyl is 20.5% of all victims, nearly double the rate in 2016 (13%). At least 33 cocaine related deaths occurred in April (at least 139 for 2017), with 13 being mixed with Fentanyl, Heroin or both (at least 84 for the year).

*Source: Cuyahoga County Medical
Examiner's Office revised 5-15-17*



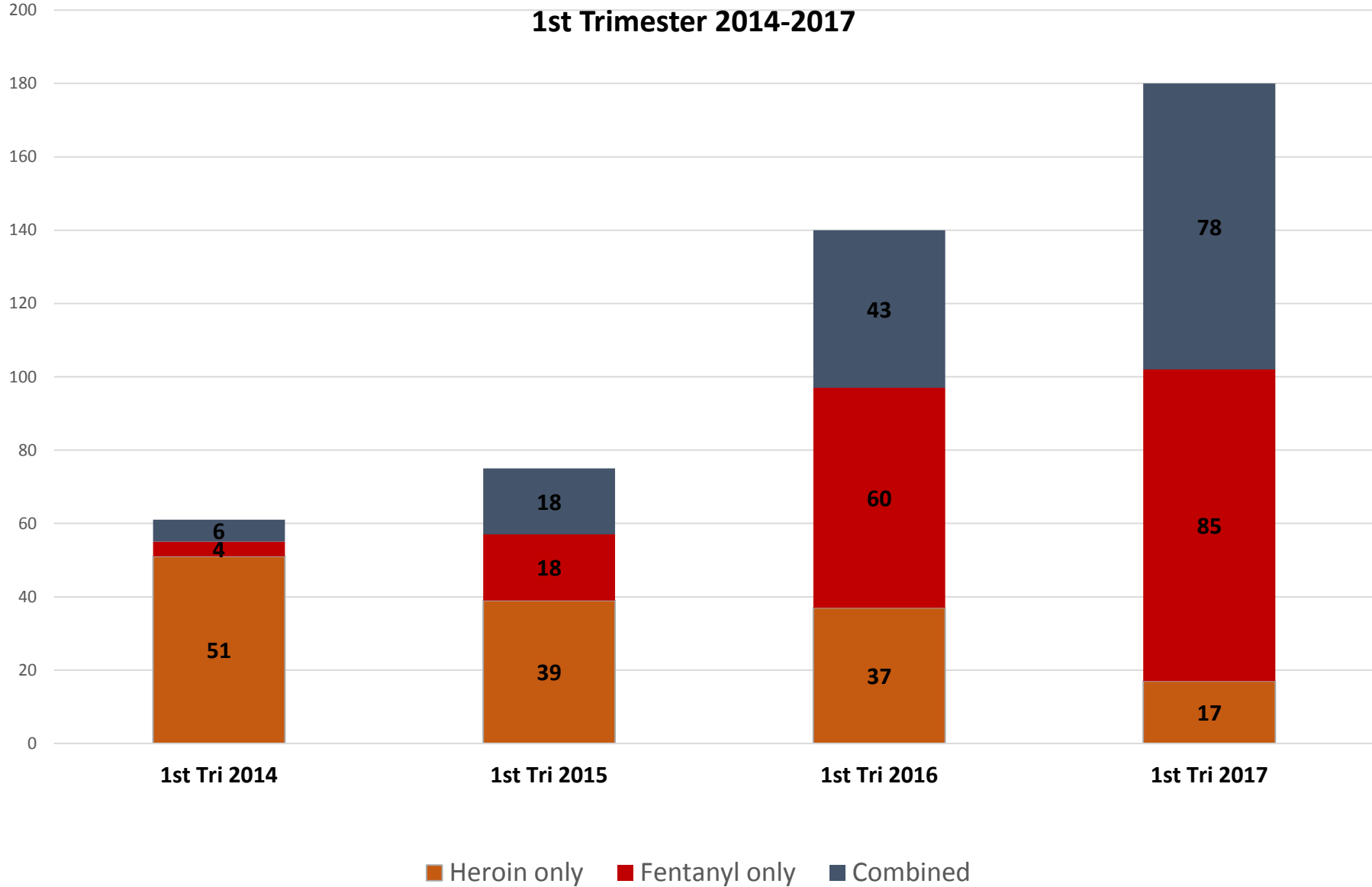
CCMEO 2016-17 Fentanyl & Heroin Related Deaths, by Month



Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



CCMEO Heroin, Fentanyl and Heroin/Fentanyl Combination Deaths 1st Trimester 2014-2017



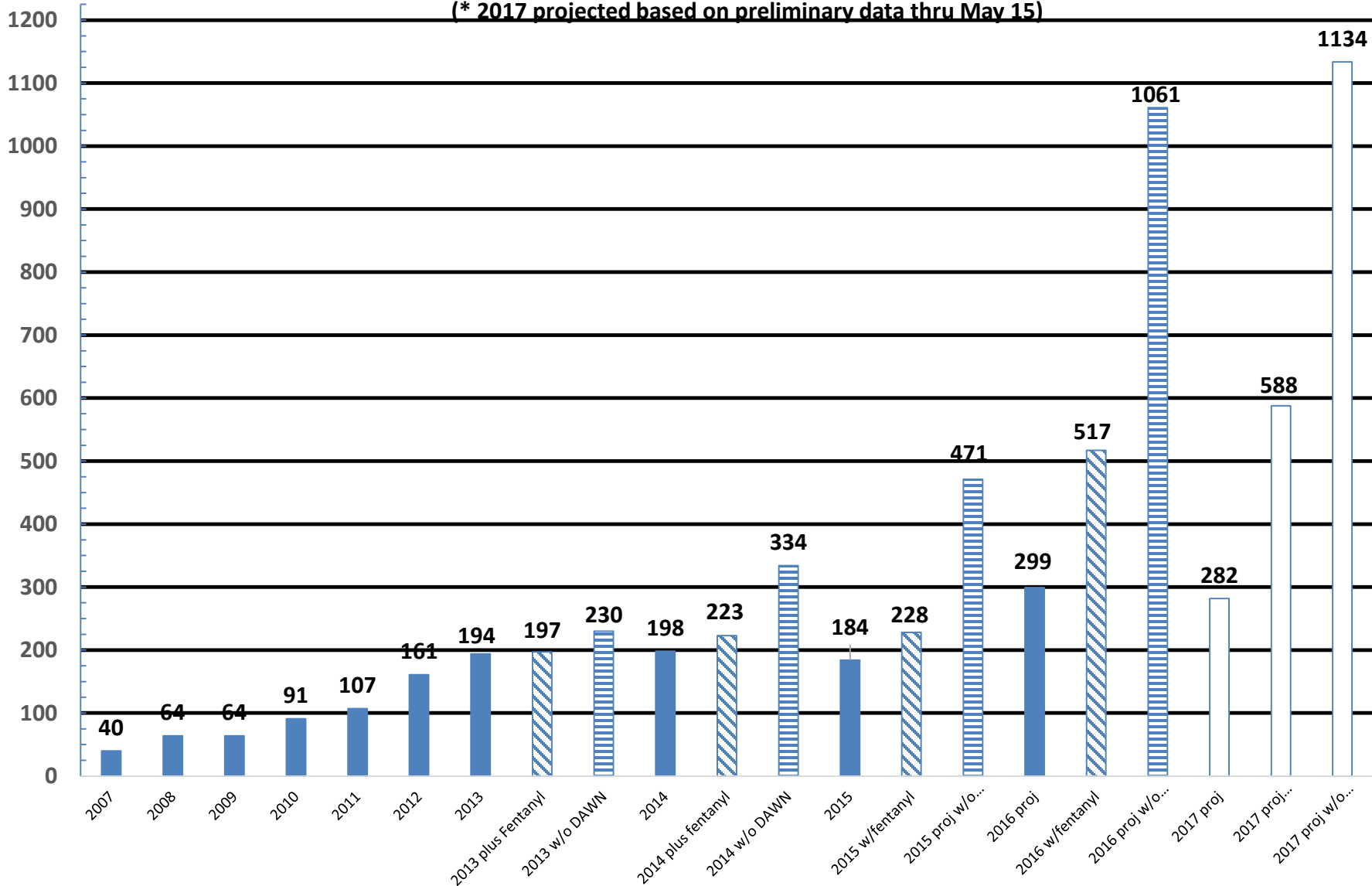
Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



Cuyahoga County Heroin Related Overdose Deaths 2007-2017*

Projected deaths with DAWN Saves and Fentanyl as overdose Deaths

(* 2017 projected based on preliminary data thru May 15)

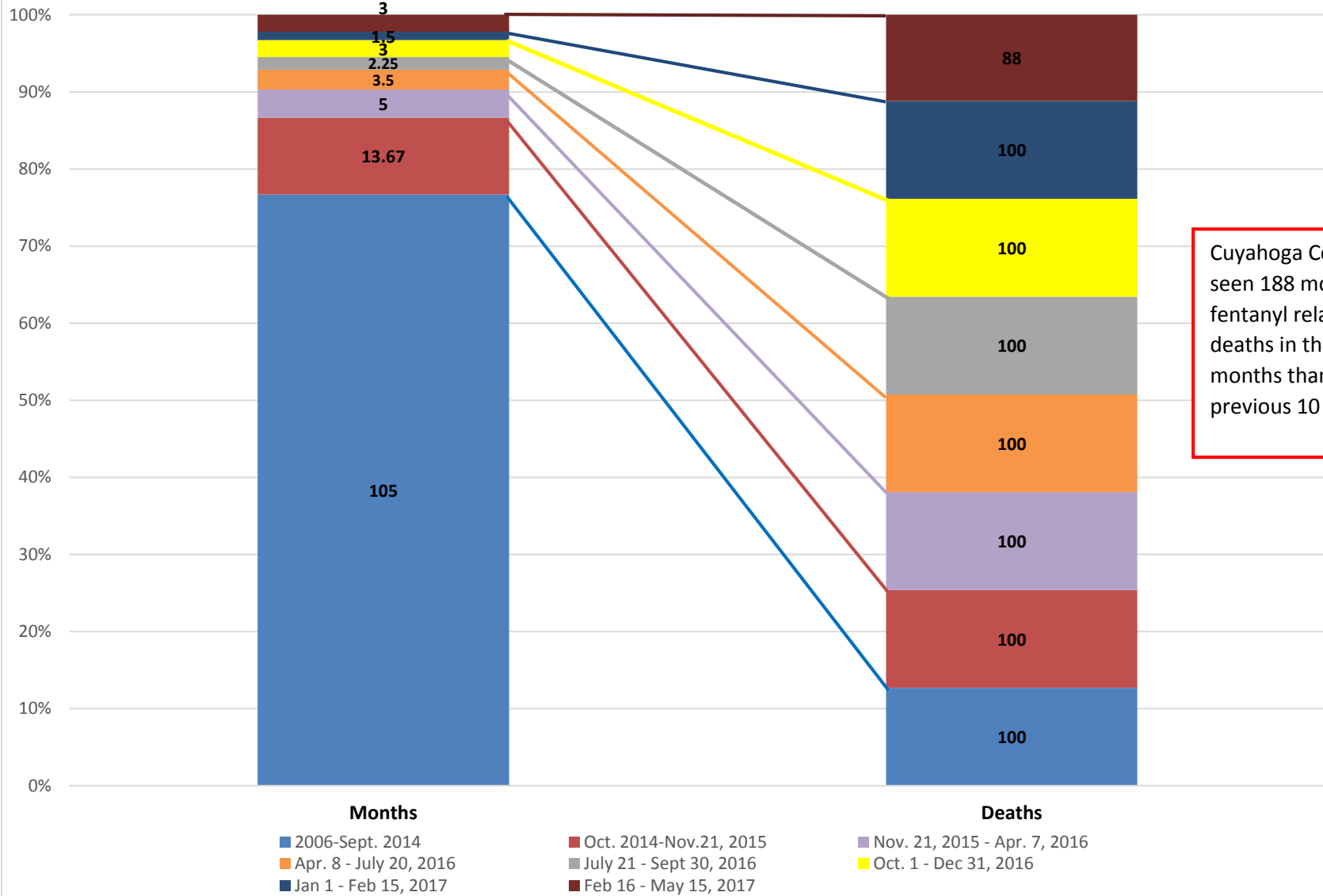


Source: Cuyahoga County Medical Examiner's Office revised 5-15-17

DAWN includes all documented naloxone saves through DAWN including police reversals. Does not include EMS administration (nearly 1,000 in 2015, and over 2,000 thru October 2016).



Cuyahoga County Fentanyl Deaths 2006-2017



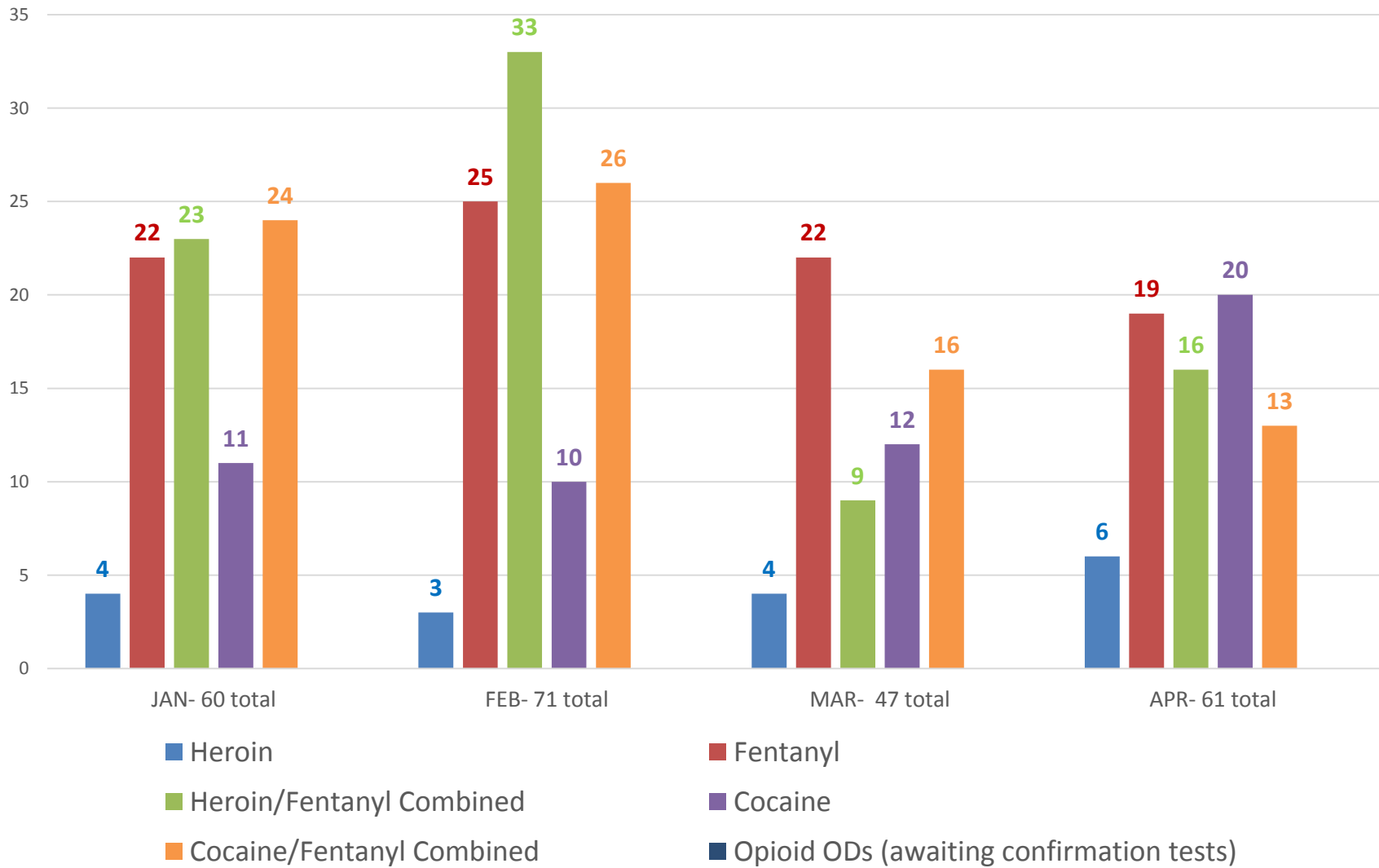
Cuyahoga County has seen 188 more fentanyl related deaths in the past 13 months than the previous 10 years.

Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



2017 CCMEO Overdose Deaths, Most Common Drugs Involved

Combined is heroin and fentanyl in some combination (Fentanyl analogues will be counted under Fentanyl Columns).

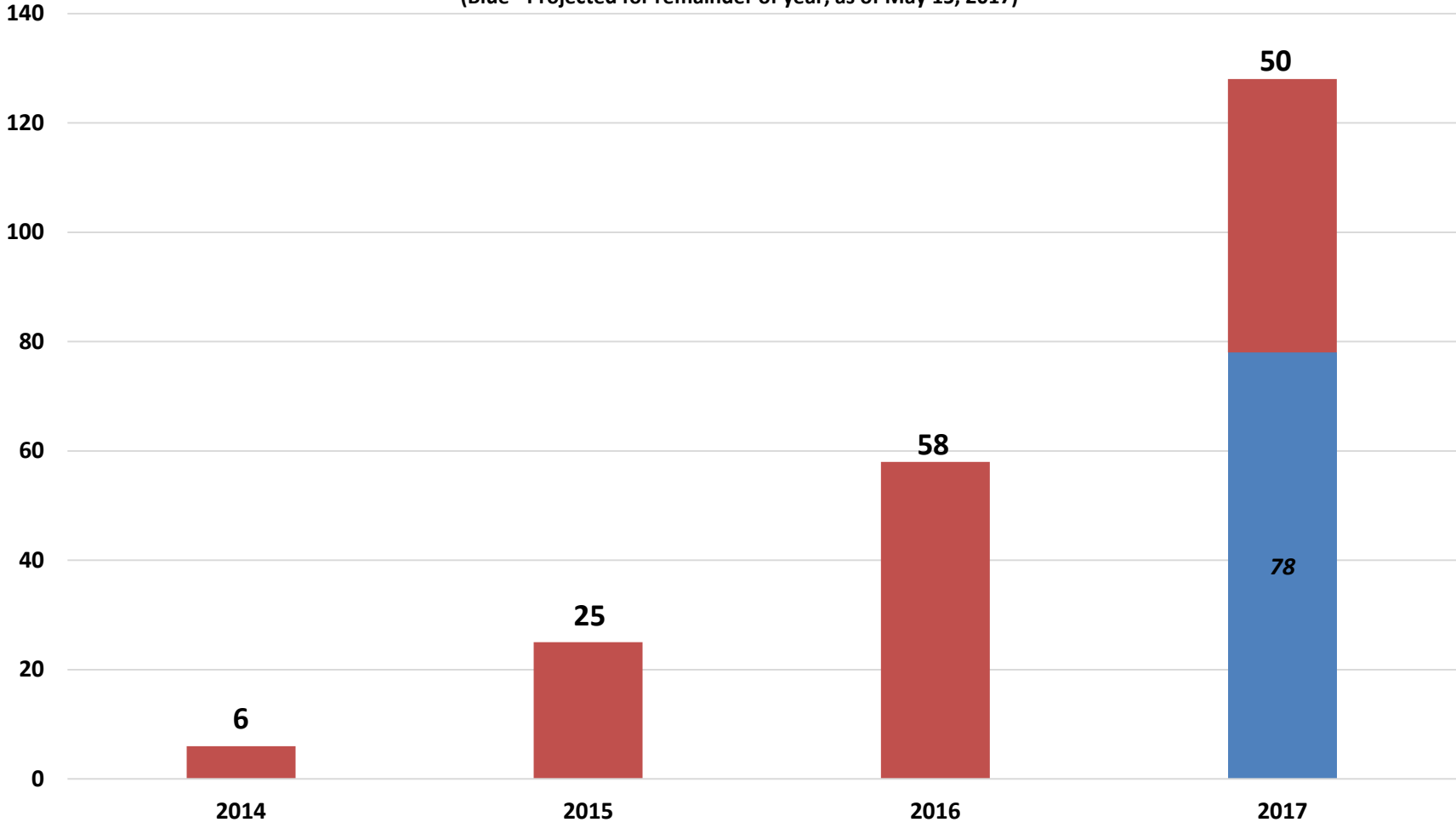


Source: Cuyahoga County Medical Examiner's Office revised 5-15-17



CCMEO Fentanyl-related fatalities among African Americans 2014-2017*

(Blue - Projected for remainder of year, as of May 15, 2017)



Source: Cuyahoga County Medical Examiner's Office revised 5-15-17

